Index of Claims

| A۱ | p | pΙ | ic | a١ | ti | or | ۱/ | C | 0 | n | t | r | 0 | ١ | ١ | J | 0 | |
|----|---|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|

_.

Applicant(s)/Patent under Reexamination

10/820,797

LOWRANCE ET AL.

Examiner

Art Un

Paul Kim

2161

√ Rejected
= Allowed

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | _ | L | | | | j | | Ь. | ٠ |
|---------------|--|--------------|----------|----------|-----------|----------|--------------|---|--------------|----------|
| Cla | Date | | | | | | | | | |
| Final | Original | 11/3/06 | | | | | | | | |
| | 1 | V | | | | | | | | |
| | 1 2 3 4 5 | \sqcap | | | | | _ | | - | |
| | 3 | H | | | | | | | Г | |
| | 4 | П | | | | | | | | |
| | 5 | П | | | | | | | | |
| | 6 | \prod | | | | | | | | |
| | 7 | Щ | | <u> </u> | | | | | <u>L</u> . | |
| | 8 | Щ | | _ | | | L. | | <u> </u> | |
| | 9 | 4 | | | <u> </u> | _ | ļ | _ | | |
| | 10 | Н. | | <u> </u> | <u> </u> | | | | - | - |
| | 11 | N | - | - | - | | <u> </u> | | <u> </u> | |
| | 13 | 17 | - | | - | - | | | ├- | - |
| | 14 | H | - | - | - | - | - | | | \vdash |
| | 15 | ╁ | | - | - | | | | | |
| | 12 13 14 15 16 17 18 | \sqcap | | | \vdash | | | | Г | |
| | 17 | T | | | | | | | | |
| | 18 | | | | | | | | | |
| | 19 | \coprod | | | | | | | | |
| | 20 21 22 23 24 25 | | | | | | | | | |
| | 21 | \checkmark | | <u> </u> | | | <u>_</u> | | | |
| | 22 | 1 | L. | | L. | _ | _ | | <u> </u> | |
| | 23 | Ш | _ | _ | | _ | _ | | <u> </u> | _ |
| | 24 | ╀ | | <u> </u> | | _ | _ | | - | |
| | 25 | Н | <u> </u> | ├- | - | _ | | | <u> </u> | |
| | 27 | - | | - | | | | | | |
| _ | 26 27 28 | Η- | | | | | | | | |
| | 29 | + | | \vdash | | | | | - | |
| | 29 30 | | | | | _ | | | \vdash | |
| | 31 | | | | | | | | | |
| | 32 | J | | | | | | | Г | П |
| | 32 33 | N | | | | | | | | |
| | 34 35 | | | | | | | | | |
| <u> </u> | 35 | \parallel | L., | <u> </u> | <u> </u> | <u> </u> | | _ | <u> </u> | Щ |
| | 36 37 | _ | | | <u> </u> | | _ | _ | L. | Ш |
| | 37 | - | _ | | L | | _ | _ | <u> </u> | Ш |
| | 38 39 | - | | | | H | H | | <u> </u> | \vdash |
| | - 10 | - | | - | \vdash | - | \vdash | | | Н |
| - | 41 | - | | \vdash | \vdash | Н | | | _ | |
| | 42 | 7 | | Н | | | | | | - |
| - | 43 | 1 | | | | | , | | | \vdash |
| | 44 | 1 | | | _ | \vdash | - | _ | \vdash | |
| | 45 | | | | | | | | | |
| | 46 | | | | | | | | | |
| | 47 | \Box | | | | | | | | |
| | 48 | \prod | | | \square | | | | | |
| | 49 | _ | | | | | _ | | <u> </u> | L |
| | 50 | 1 | | | | | | | | |

| | | _ | | | | | | | | |
|-------------|----------|--------------------|--|--------------------|--|----------|----------|--|--|--|
| Cla | aim | | _ | т | [| Date | 9 | | | |
| Final | Original | 30/E/n | | | | | | | | |
| | 51 | 1 | | - | | | ├- | | | |
| | 52 | +- | - | - | | | - | | | |
| | 53 | V | | | | | \vdash | | ┢ | |
| | 54 | N | - | _ | | | \vdash | | \vdash | _ |
| | 55 | Ť | | | | | | | | |
| - | 56 | H | | \vdash | <u> </u> | | _ | _ | - | _ |
| - | 57 | 1 | | _ | | | | - | \vdash | \vdash |
| | 58 | \vdash | - | _ | 1 | | | - | \vdash | \vdash |
| | 59 | 1 | | | | | | _ | <u> </u> | |
| | 60 | 1 | _ | - | | <u> </u> | | | \vdash | |
| | 61 | 1 | - | | | | | _ | _ | |
| | 62 | | - | | | <u> </u> | | | - | |
| | 63 | | _ | | _ | | | _ | | \vdash |
| | 64 | ×- | | | | <u> </u> | <u> </u> | <u> </u> | Ι | Ι |
| | 65 | | | | <u> </u> | | ┢ | | | |
| | 66 | <u> </u> | | | | | | | | \vdash |
| | 67 | | | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 | | | | | | | | | |
| | 70 | | | | | | | | | \vdash |
| | 71 | | | | | | | | | |
| | 71 72 | | • | | | | | | | ┢ |
| | 73 | \vdash | _ | | | | | | | |
| | 74 | | _ | | | | | | - | |
| | 75 | | | | | | | | | - |
| | 76 | | | | | | | | | _ |
| | 77 | _ | | | | | | | | \vdash |
| | 78 | | | | | | | | | |
| | 79 | _ | | _ | | _ | | | | |
| | 80 | \vdash | | \vdash | | | | | \vdash | |
| | 81 | | | - | | | | | | Г |
| | 82 | | | _ | | | _ | | | <u> </u> |
| | 83 | | | | | | | | | |
| | 84 | | | | | | | | | |
| | 85 | | | | | | | | | |
| | 86 | | | | | | | | | |
| | 87 | | | | | | | | | |
| | 88 | | | | | | | | | |
| | 89 | | | | | | | | | |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | $oxedsymbol{oxed}$ | | $oxedsymbol{oxed}$ | | \Box | | | | L |
| | 93 | <u> </u> | | | | | | | | |
| | 94 | | | _ | | | _ | L | | |
| | 95 | _ | <u> </u> | | | _ | L. | <u> </u> | L | |
| | 96 | _ | <u> </u> | <u> </u> | | Ш | | L_ | | _ |
| | 97 | | _ | <u> </u> | | | L | | | |
| | 98 | L_ | <u>_</u> | <u> </u> | Ш | | <u> </u> | | _ | |
| | 99 | _ | | | | | | | | |

100

| Cli | aim | Date | | | | | | | | | |
|-------------|--|----------|----------|--|--------------|----------|----------|--|--------------|-----------------|--|
| | | \vdash | <u> </u> | Г | Γ- | | Γ. | | Γ | П | |
| Final | Original | | | | | | | | | | |
| | 101 | | | | | | | | | | |
| | 102 103 | | | | | | | | | | |
| | 103 | | | | | | | L | | | |
| | 104 | | | | <u> </u> | _ | <u> </u> | | | Ш | |
| | 105 106 | | | L | | | | | | | |
| | 106 | | | | | <u> </u> | _ | | _ | | |
| | 107 | | | | | _ | <u> </u> | | <u> </u> | \square | |
| | 108 109 | | | | | | <u> </u> | _ | <u> </u> | | |
| | 110 | | | | | <u> </u> | \vdash | | | | |
| | 111 | - | - | | | ┢ | - | | _ | - | |
| | 112 | - | | | | \vdash | \vdash | \vdash | \vdash | \vdash | |
| | 113 | | - | | Т | \vdash | \vdash | | | \vdash | |
| | 110 111 112 113 114 115 | - | _ | | | | | | | H | |
| | 115 | | | | | | | | | | |
| | 116 | | | | | | | | | | |
| | 116 117 | | | | | | | | | | |
| | 118 | | | | | | | L | L | | |
| | 119 120 | | | | | <u> </u> | _ | | <u> </u> | <u>[]</u> | |
| | 120 | _ | | | | | _ | | <u> </u> | Ш | |
| | 121 | | <u> </u> | <u> </u> | | | _ | _ | | \square | |
| | 122 | | | ļ | | | | - | | | |
| | 121 122 123 124 125 126 | | | | | - | - | - | | \vdash | |
| | 124 | | | - | | | - | | - | $\vdash \vdash$ | |
| | 126 | | - | - | | | | | | $\vdash \vdash$ | |
| | 127 | | \vdash | | | Ι- | \vdash | | <u> </u> | \vdash | |
| | 128 | | | | | | Г | \vdash | | \vdash | |
| | 129 | Г | Г | | | | Г | | | | |
| | 127 128 129 130 | | | | | | | | | | |
| | 131 | | | | | | | | | | |
| | 132 133 | | | | | | | | | | |
| | 133 | | | | | Ĺ | | | | | |
| | 134 | | | | | L | | | | Ш | |
| <u> </u> | 135 | | _ | <u> </u> | _ | ļ | _ | | | Ш | |
| <u></u> | 136 137 | _ | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | <u> </u> | $\vdash \vdash$ | |
| | 13/ | | _ | <u> </u> | | \vdash | <u> </u> | _ | <u> </u> | \vdash | |
| | 138 139 | | | | <u> </u> | | _ | <u> </u> | | $\vdash\vdash$ | |
| <u> </u> | 140 | | — | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | |
| \vdash | 141 | | _ | | | \vdash | | \vdash | \vdash | \vdash | |
| \vdash | 142 | - | _ | | - | Н | | \vdash | | | |
| \vdash | 143 | | | | | Н | | H | Ι- | \vdash | |
| | 144 | | | | | | _ | | \vdash | | |
| | 145 | | | | | | | Г | | \Box | |
| | 146 | | | | | | | | | | |
| | 147 | | | | | | | | | | |
| | 148 | | | | | | | | | | |
| | 149 | | | | | | | | | | |
| | 150 | | | | | | | | | | |